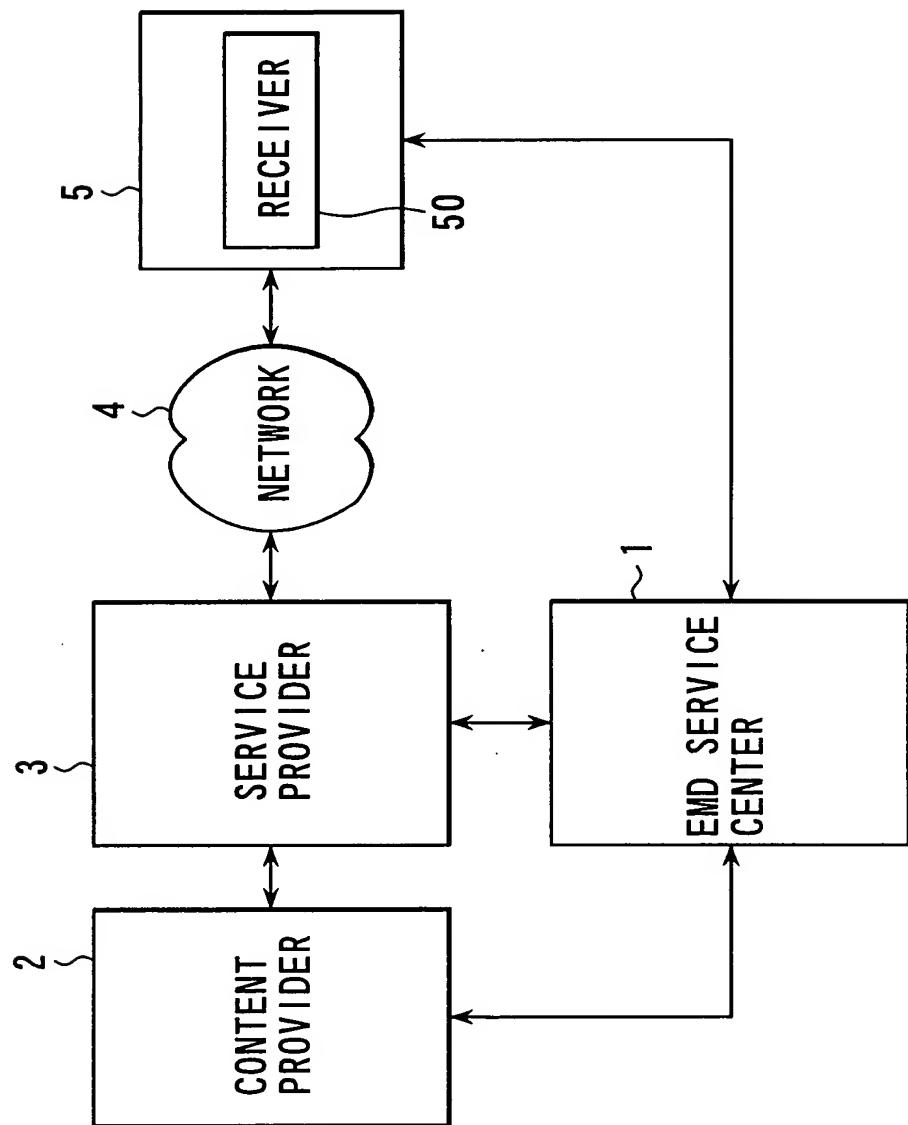


FIG. 1



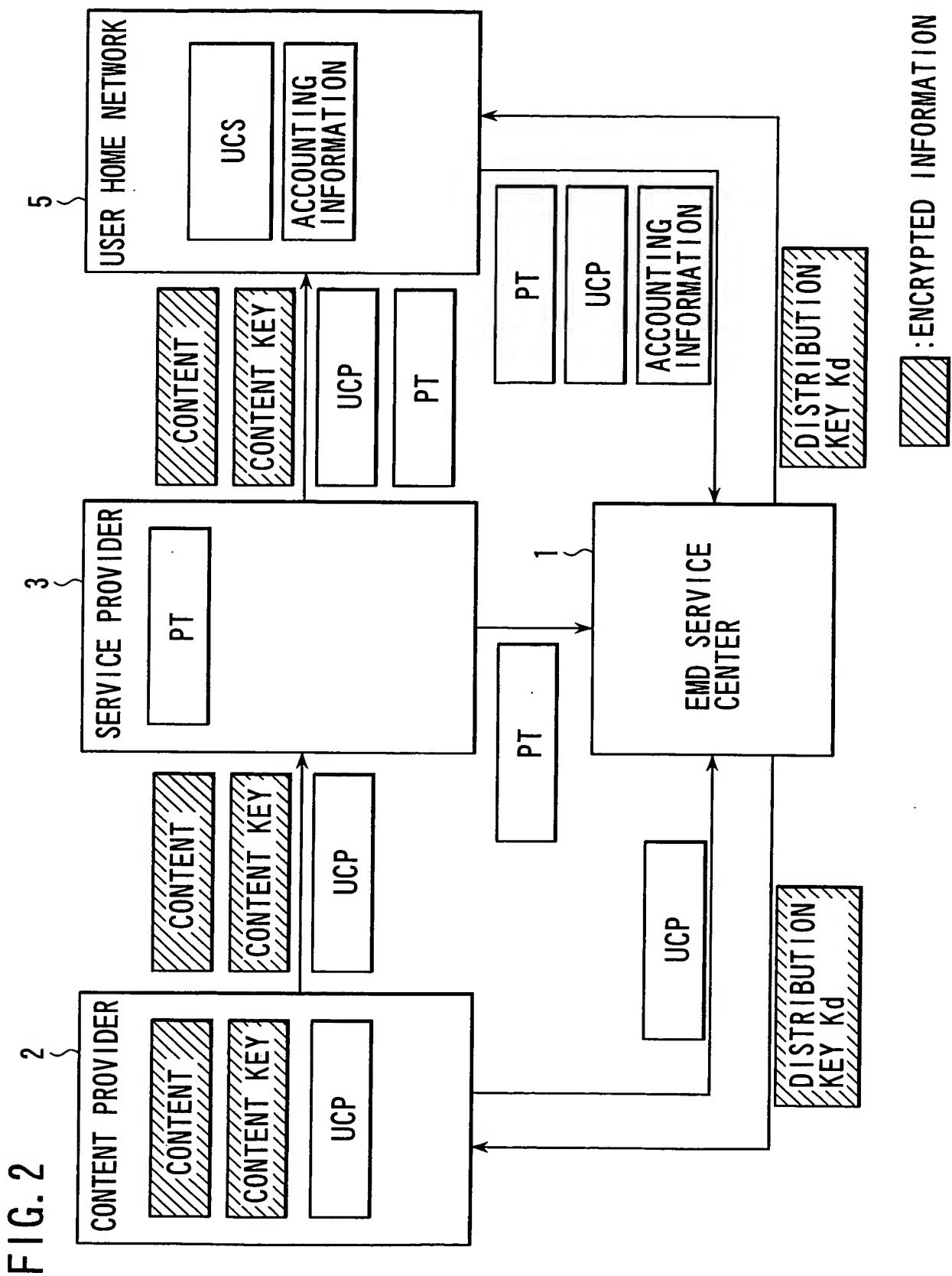


FIG. 3

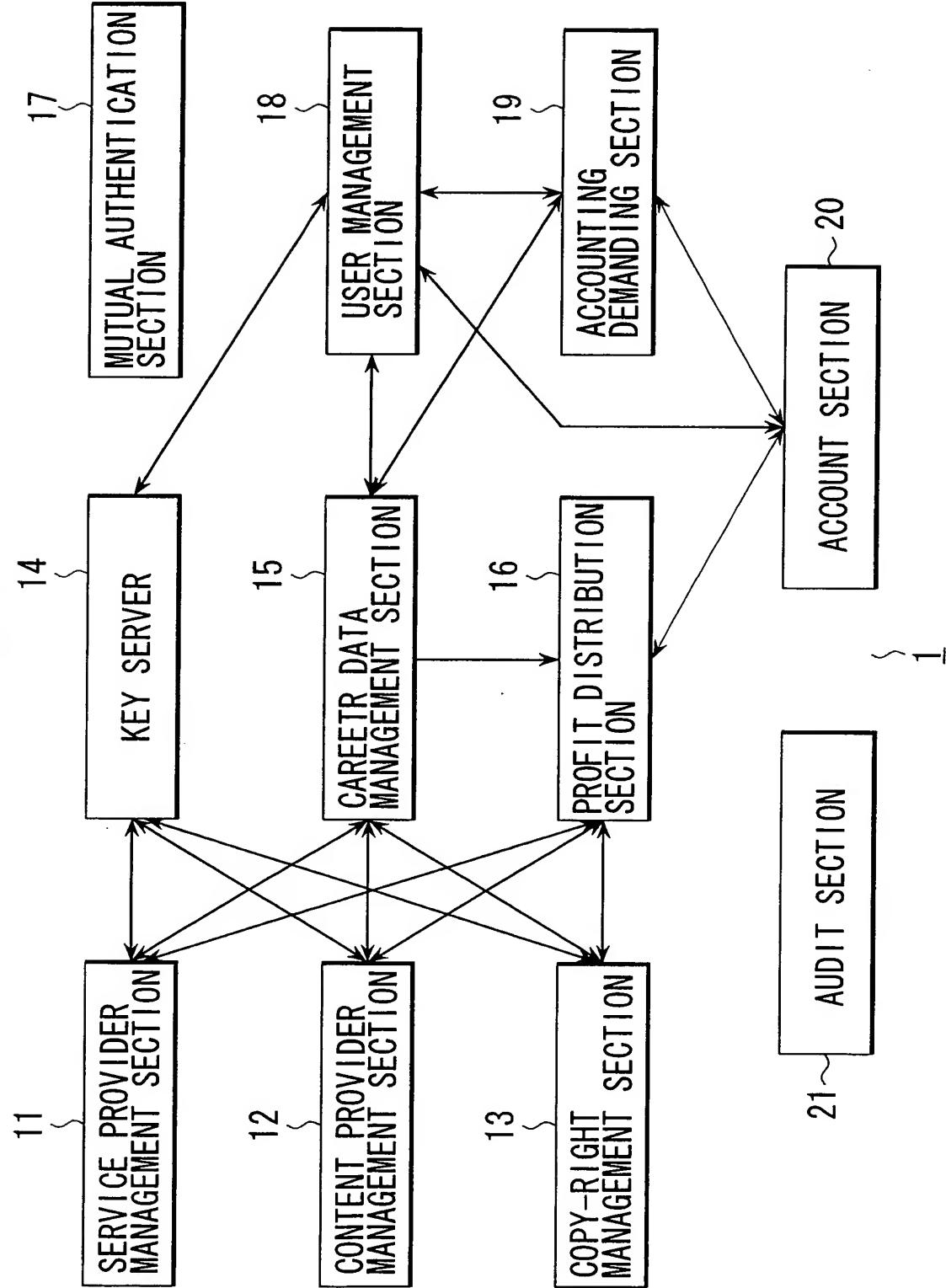
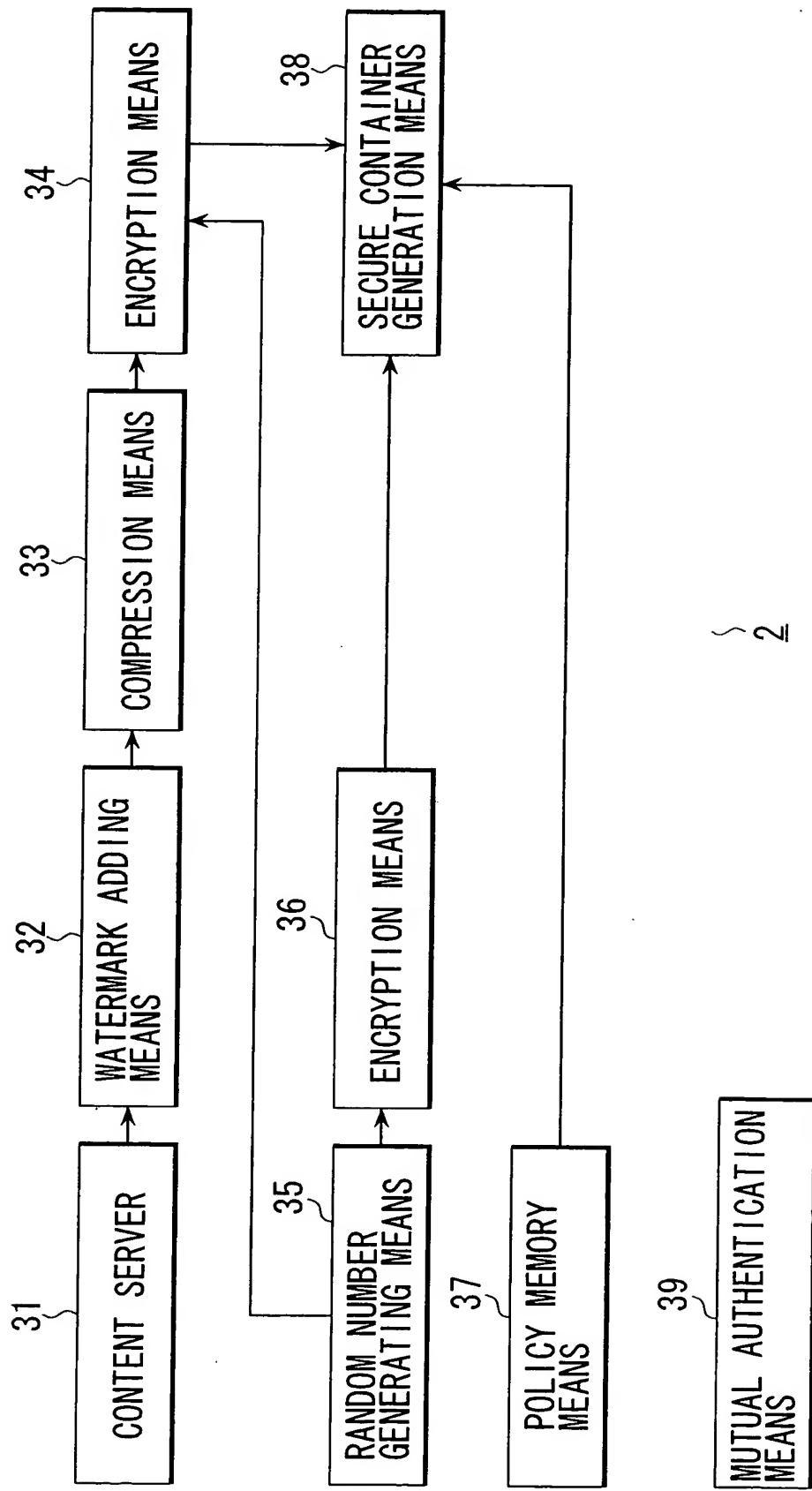


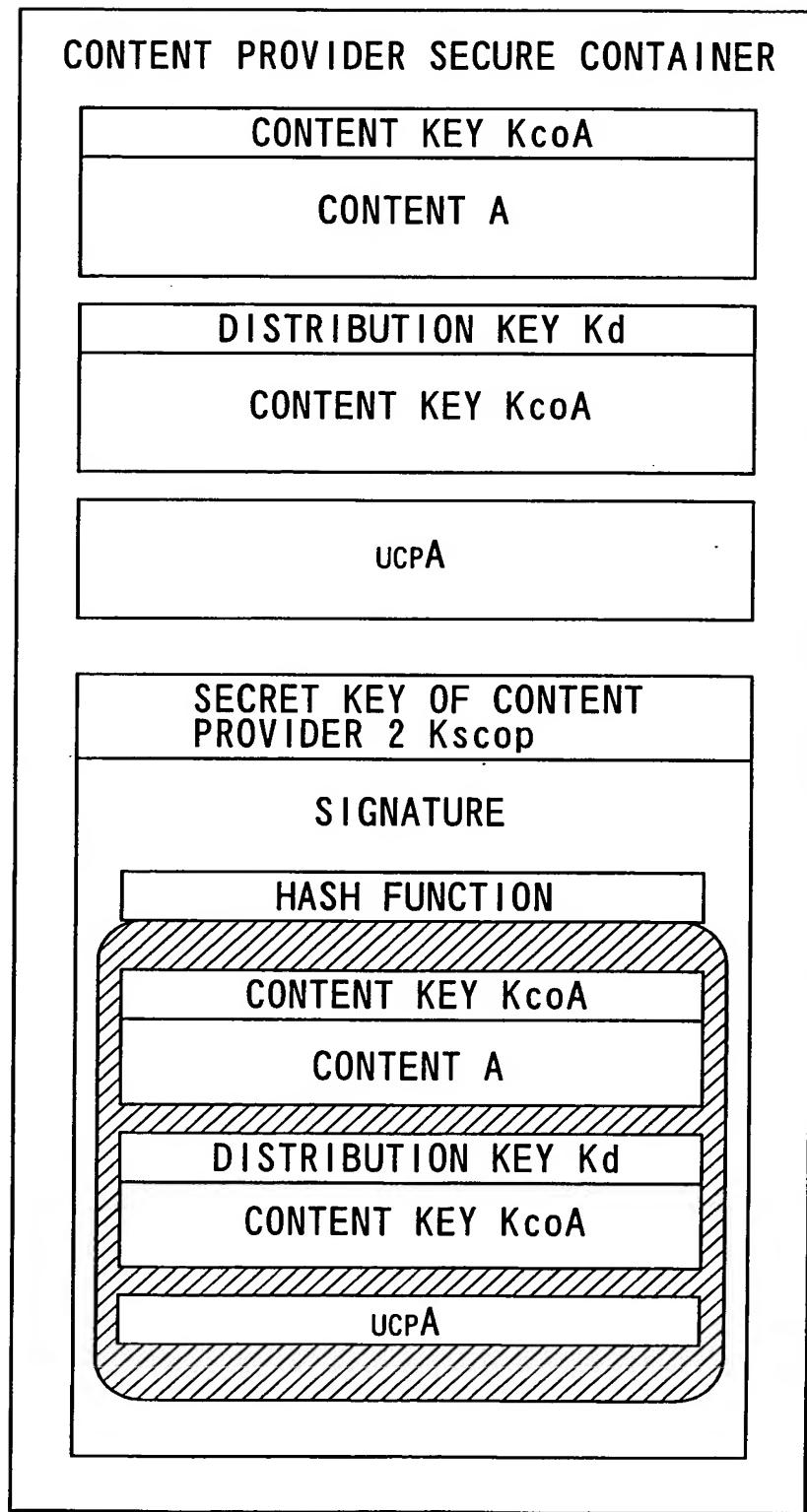
FIG. 4



## FIG. 5

ID OF CONTENT	ID OF CONTENT A	
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2	
ID OF UCP	ID OF UCPA	
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCPA	
USAGE CONDITION 10	USER CONDITION 10	200 POINTS OR MORE
	DEVICE CONDITION 10	NO CONDITION
USAGE CONTENT 11	ID 11	ID OF USAGE CONTENT 11
	FORMAT 11	PURCHASE AND REPRODUCTION
USAGE CONTENT 12	ID 12	ID OF USAGE CONTENT 12
	FORMAT 12	REPRODUCTION WITH PERIOD LIMITATION
USAGE CONTENT 13	ID 13	ID OF USAGE CONTENT 13
	FORMAT 13	REPRODUCTION WITH USAGE TIME LIMITATION
USAGE CONTENT 14	ID 14	ID OF USAGE CONTENT 14
	FORMAT 14	Pay Per Copy N
USAGE CONTENT 15	ID 15	ID OF USAGE CONTENT 15
	FORMAT 15	FORMAT 12 → FORMAT 11
USAGE CONTENT 16	ID 16	ID OF USAGE CONTENT 16
	FORMAT 16	FORMAT 14 >= 11TH TIMES

FIG. 6



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FIG. 7

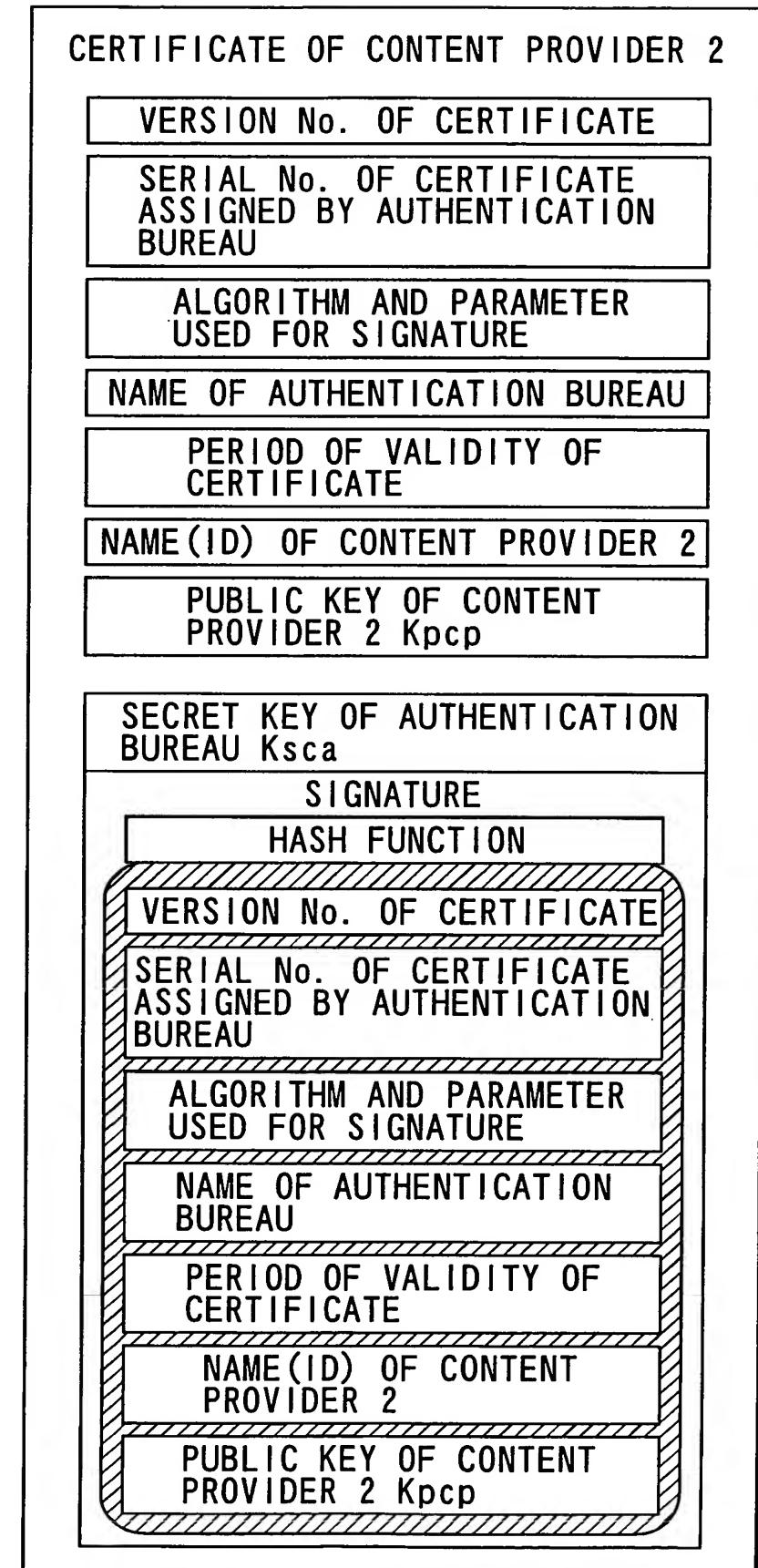


FIG. 8

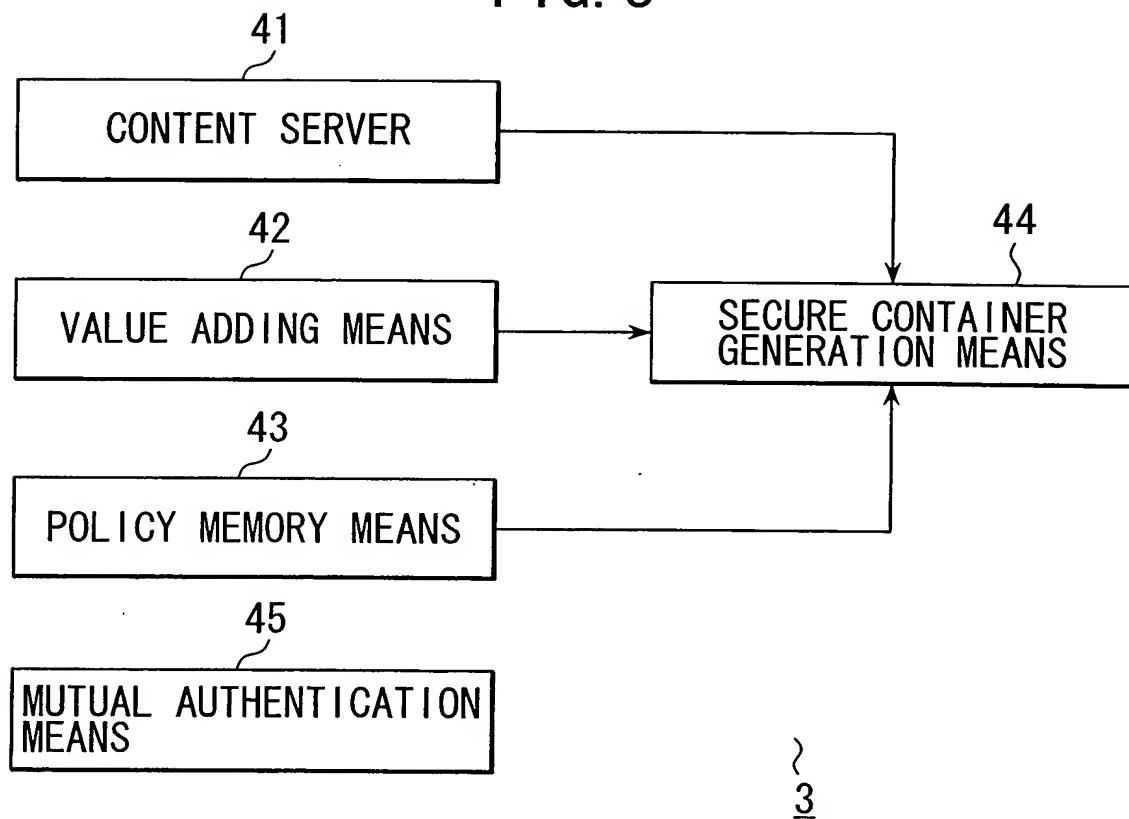


FIG. 9A

PRICE CONDITION 10	PRICE CONTENT 11	USER CONDITION 10	DEVICE CONDITION 10	PRICE CONDITION 20	PRICE CONDITION 21
				¥2,000	¥1,000
	PRICE CONTENT 12			¥600	PRICE CONTENT 22
	PRICE CONTENT 13			¥300	PRICE CONTENT 23
	PRICE CONTENT 14			¥100	PRICE CONTENT 24
	PRICE CONTENT 15			¥1,950	PRICE CONTENT 25
	PRICE CONTENT 16			¥50	PRICE CONTENT 26

PTA-1

FIG. 9B

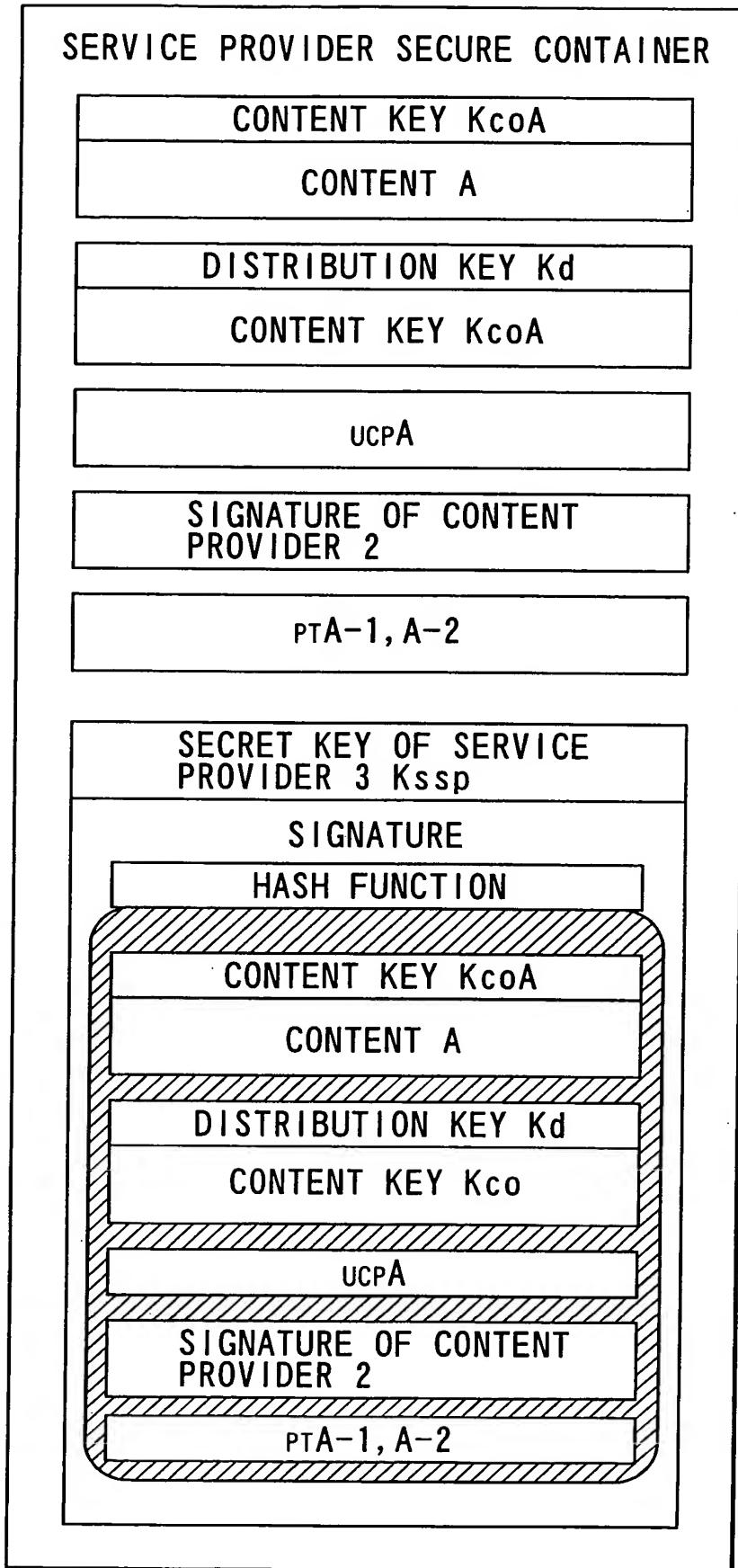
ID OF CONTENT	ID OF CONTENT A	ID OF CONTENT	ID OF CONTENT A
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2	ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2
ID OF UCP	ID OF UCP	ID OF UCP	ID OF UCP
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCP
ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3	ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3
ID OF PT	ID OF PTA-1	ID OF PT	ID OF PTA-2
PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF PTA-1	PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF PTA-2
PRICE CONDITION 10	USER CONDITION 11	MALE	DEVICE CONDITION 20
	DEVICE CONDITION 10	NO CONDITION	USER CONDITION 20
			NO CONDITION
			FEMALE

PTA-2

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FIG. 10



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FIG. 11

CERTIFICATE OF SERVICE PROVIDER 3

VERSION No. OF CERTIFICATE
SERIAL No. OF CERTIFICATE ASSIGNED BY AUTHENTICATION BUREAU
ALGORITHM AND PARAMETER USED FOR SIGNATURE
NAME OF AUTHENTICATION BUREAU
PERIOD OF VALIDITY OF CERTIFICATE
NAME(ID) OF SERVICE PROVIDER 3
PUBLIC KEY OF SERVICE PROVIDER 3 Kpsp

SECRET KEY OF AUTHENTICATION  
BUREAU Ksca

SIGNATURE

HASH FUNCTION

VERSION No. OF CERTIFICATE
SERIAL No. OF CERTIFICATE ASSIGNED BY AUTHENTICATION BUREAU
ALGORITHM AND PARAMETER USED FOR SIGNATURE
NAME OF AUTHENTICATION BUREAU
PERIOD OF VALIDITY OF CERTIFICATE
NAME(ID) OF SERVICE PROVIDER 3
PUBLIC KEY OF SERVICE PROVIDER 3 Kpsp

FIG. 12

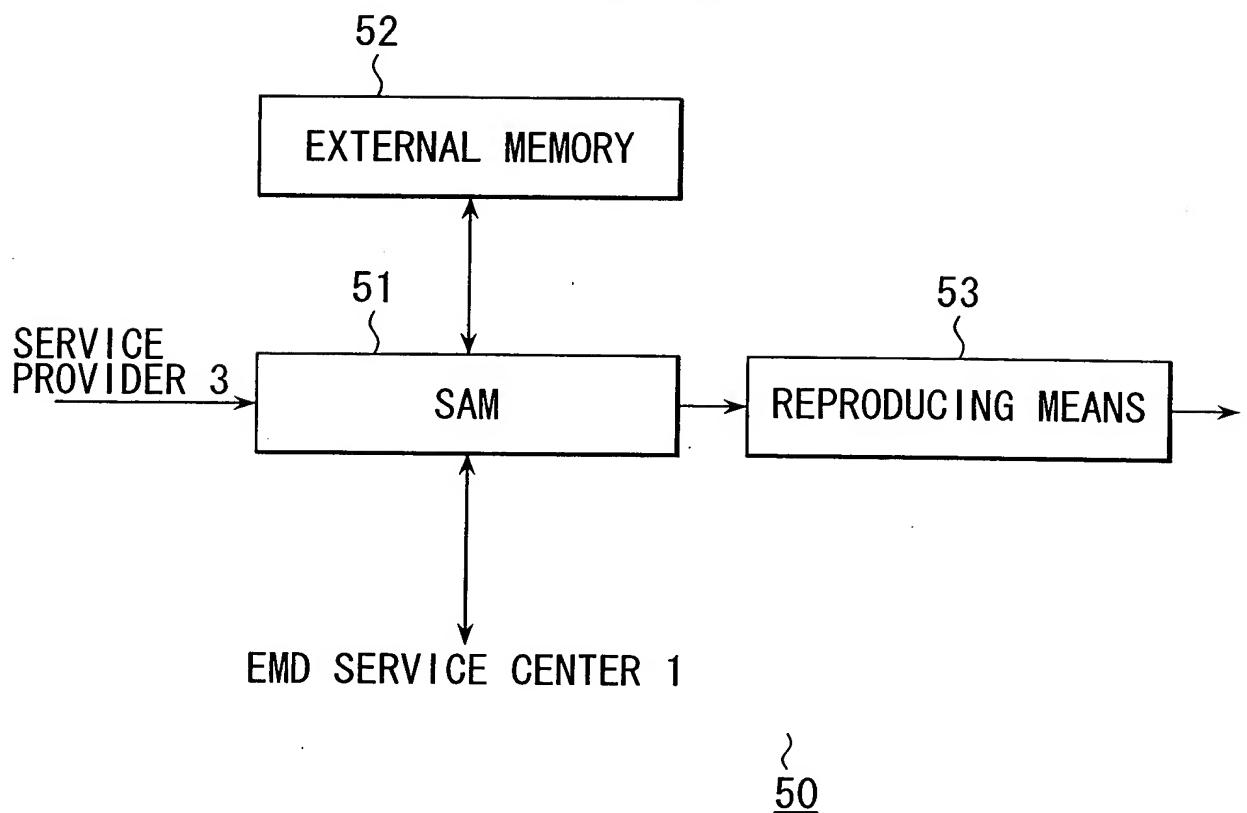


FIG. 13

ID OF CONTENT	ID OF CONTENT A
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2
ID OF UCP	ID OF ucpA
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF ucpA
ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3
ID OF PT	ID OF PTA-1
PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF PTA-1
ID OF UCS	ID OF ucsA
ID OF SAM	ID OF SAM51
ID OF USER	ID OF USER
USAGE CONTENT	ID FORMAT
PARAMETER	xxx
PURCHASE HISTORY	xxx

ucsA

FIG. 14

ID OF CONTENT	ID OF CONTENT A
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2
ID OF UCP	ID OF UCPA
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCPA
ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3
ID OF PT	ID OF PTA-1
PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF PTA-1
ID OF UCS	ID OF ucsA
ID OF SAM	ID OF SAM51
ID OF USER	ID OF USER
USAGE CONTENT	ID FORMAT
ACCOUNTING AMOUNT	× × ×

ACCOUNTING INFORMATION A

FIG. 15

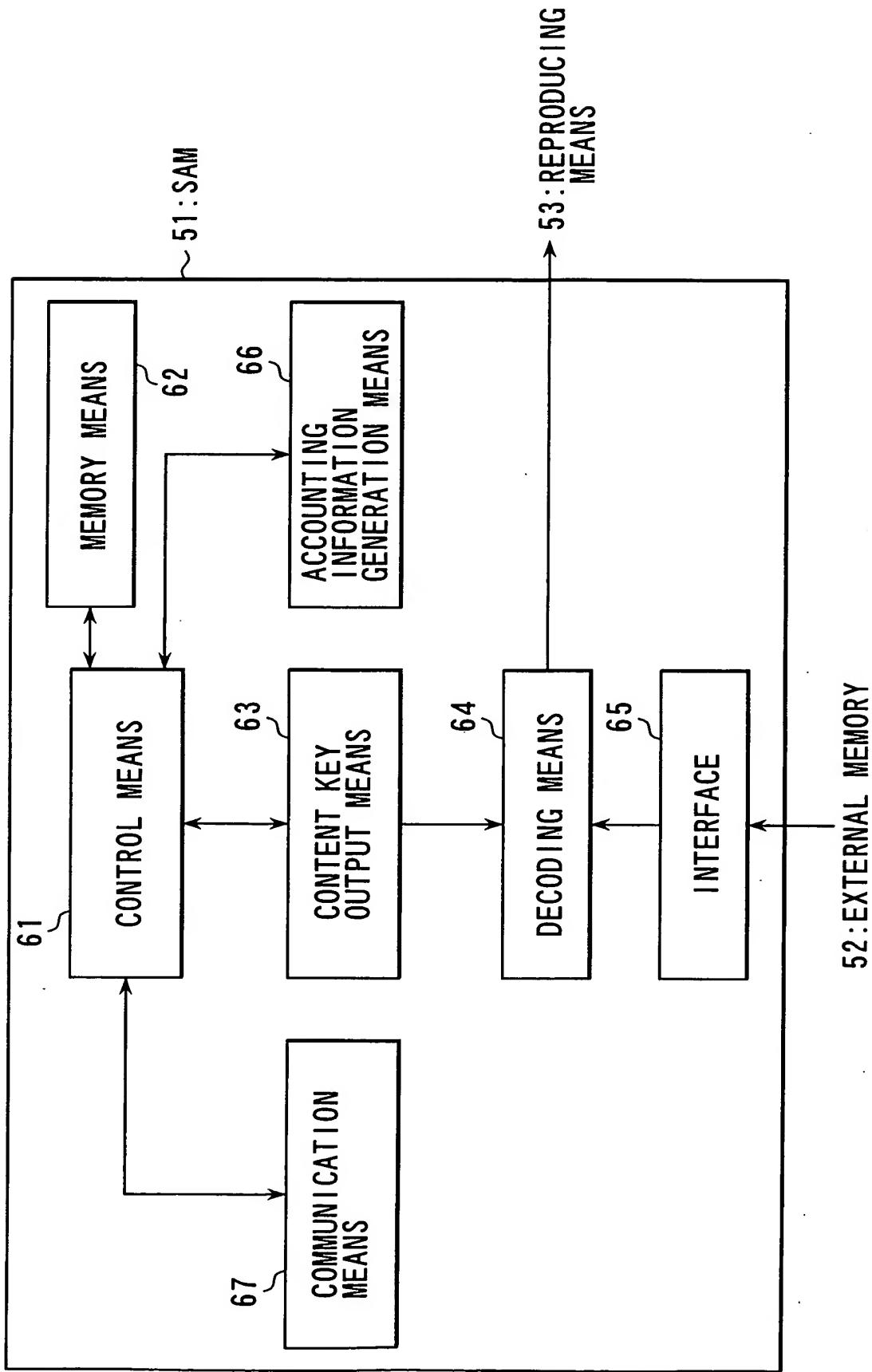
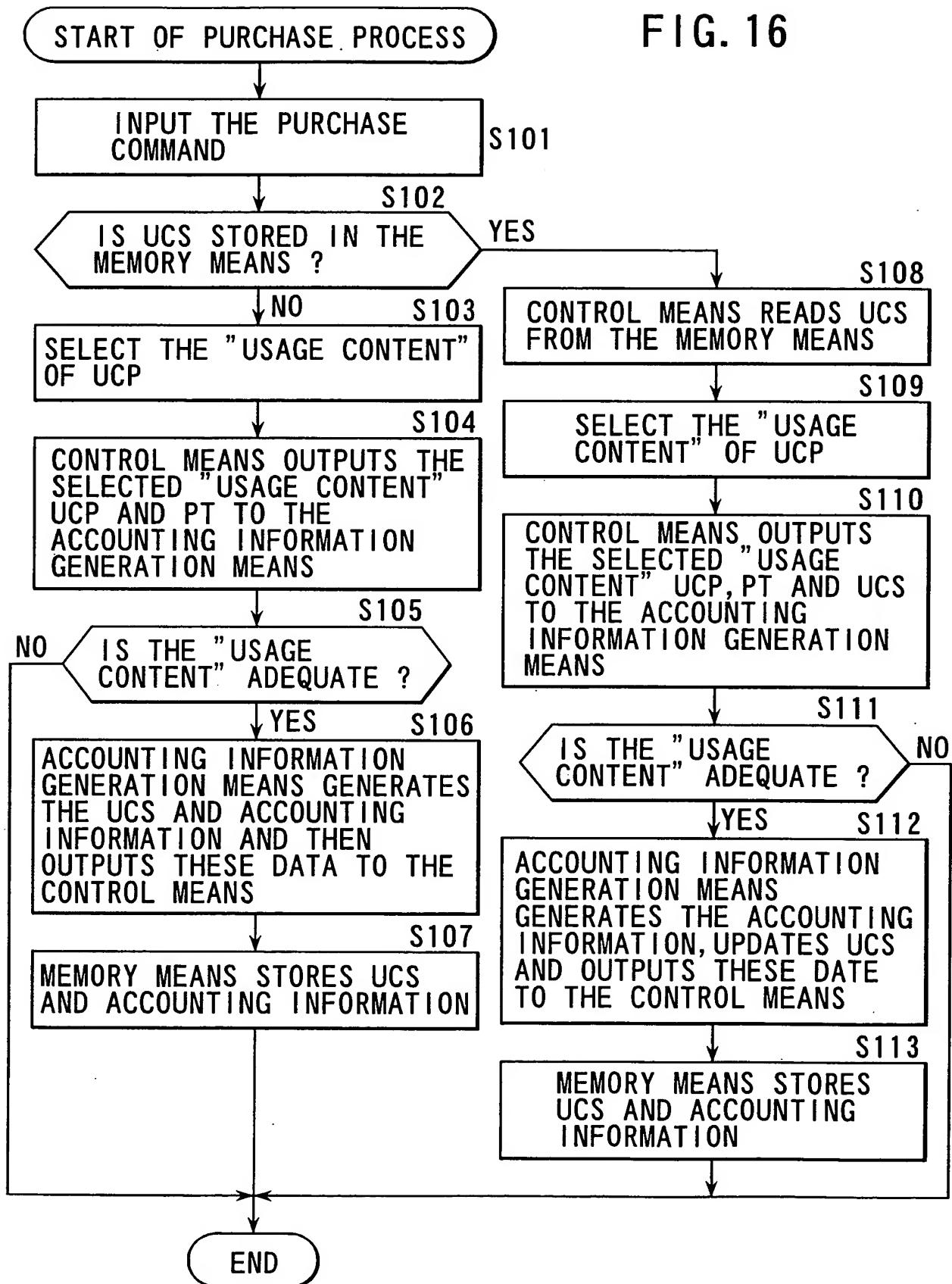


FIG. 16



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FIG. 17

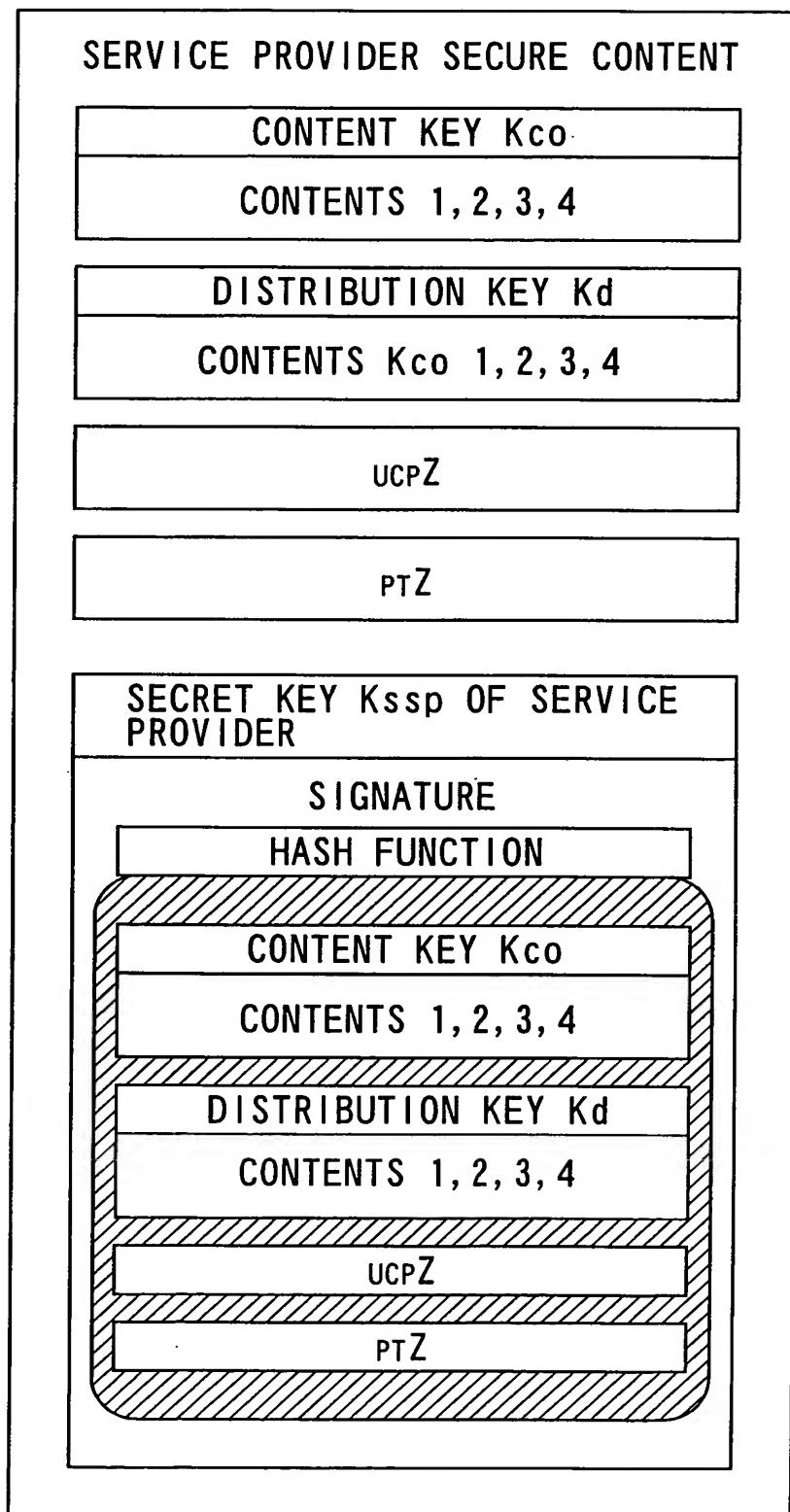


FIG. 18

ID OF CONTENT	ID OF CONTENT 1, 2, 3, 4	
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2	
ID OF UCP	ID OF UCPZ	
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCPZ	
USAGE CONDITION 100	USER CONDITION 100	× × ×
	DEVICE CONDITION 100	× × ×
USAGE CONTENT 101	ID 101	ID OF USAGE CONTENT
	FORMAT 101	PURCHASE AND REPRODUCTION

UCPZ

FIG. 19

ID OF CONTENT	ID OF CONTENTS 1, 2, 3, AND 4	
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2	
ID OF UCP	ID OF UCPZ	
ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3	
ID OF PT	ID OF PTZ-1	
PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF PTZ-1	
PRICE CONDITION 100	USER CONDITION 100	× × ×
	DEVICE CONDITION 100	× × ×
PRICE CONTENT 101	¥2, 500	

PTZ

FIG. 20

ID OF CONTENT	ID OF CONTENT 1	
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2	
ID OF UCP	ID OF UCPA	
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCPA	
ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3	
ID OF PT	ID OF PTA-1	
PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF PTA-1	
ID OF UCS	ID OF UCSA	
ID OF SAM	ID OF SAM51	
ID OF USER	ID OF USER	
USAGE CONTENT	ID FORMAT	USAGE CONTENT 11 PURCHASE AND REPRODUCTION
PARAMETER	x x x	
PURCHASE HISTORY	x x x	

UCS1

FIG. 21

ID OF CONTENT	ID OF CONTENT 2	
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2	
ID OF UCP	ID OF uCPA	
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF uCPA	
ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3	
ID OF PT	ID OF PTA-1	
PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF PTA-1	
ID OF UCS	ID OF ucsA	
ID OF SAM	ID OF SAM51	
ID OF USER	ID OF USER	
USAGE CONTENT	USAGE FORMAT	USAGE CONTENT 11 PURCHASE AND REPRODUCTION
PARAMETER		× × ×
PURCHASE HISTORY		× × ×

ucs2

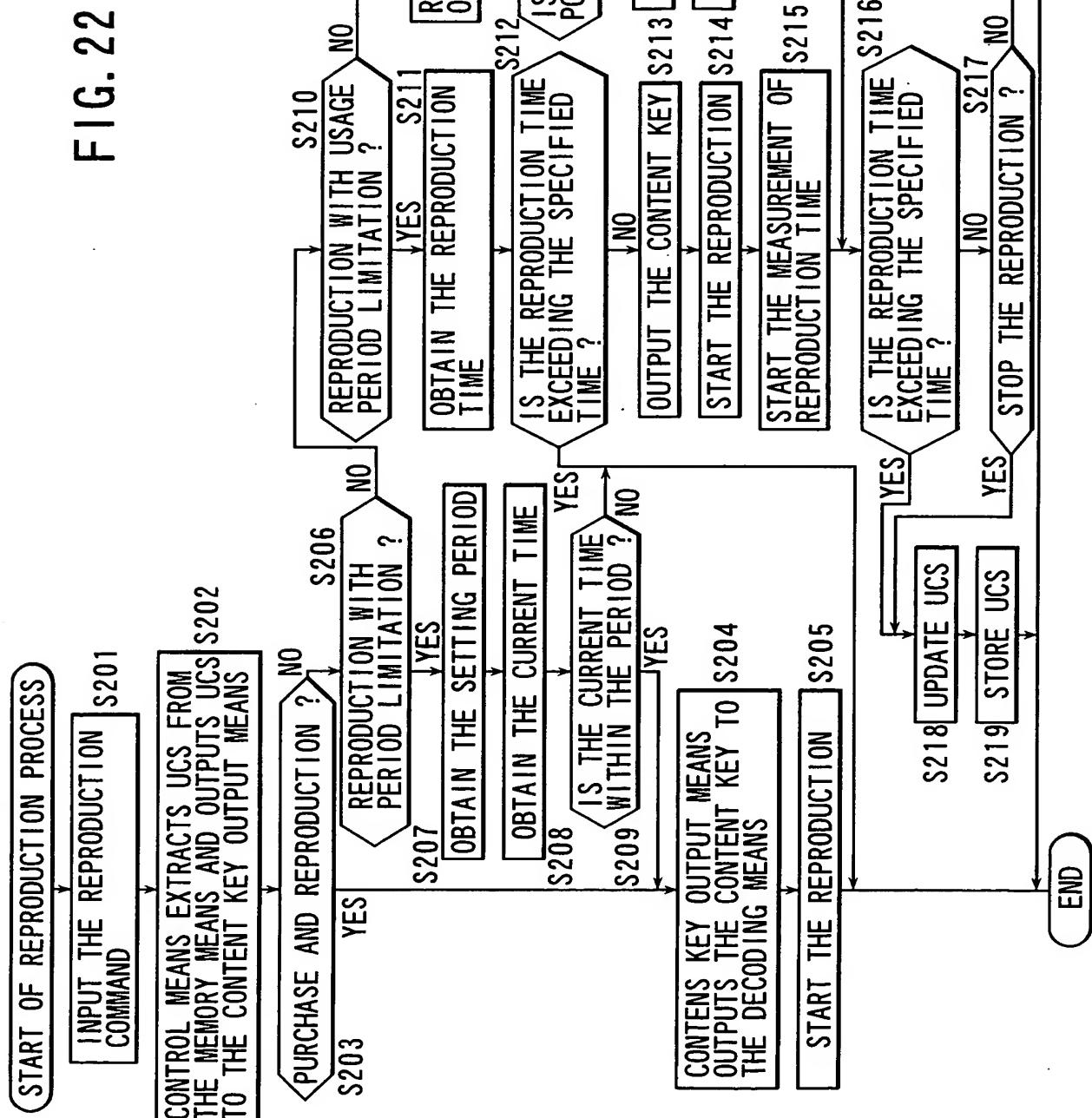


FIG. 23

ID OF CONTENT	ID OF CONTENT A
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2
ID OF UCP	ID OF ucpA
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF ucpA
ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3
ID OF PT	ID OF pTA-1
PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF pTA-1
ID OF UCS	ID OF ucsA
ID OF SAM	ID OF SAM51
ID OF USER	ID OF USER
USAGE CONTENT	ID FORMAT
PARAMETER	xxx
PURCHASE HISTORY	xxx
USAGE HISTORY	xxx

ucsA10

FIG. 24

ID OF CONTENT	ID OF CONTENT A	
ID OF CONTENT PROVIDER	ID OF CONTENT PROVIDER 2	
ID OF UCP	ID OF UCPA	
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCPA	
USAGE CONDITION 10	USER CONDITION 10	200 POINTS OR MORE
	DEVICE CONDITION 10	NO-CONDITION
USAGE CONTENT 11	ID 11	ID OF USAGE CONTENT 11
	FORMAT 11	PURCHASE AND REPRODUCTION
USAGE CONTENT 12	ID 12	ID OF USAGE CONTENT 12
	FORMAT 12	REPRODUCTION WITH PERIOD LIMITATION
USAGE CONTENT 13	ID 13	ID OF USAGE CONTENT 13
	FORMAT 13	REPRODUCTION WITH USAGE TIME LIMITATION
USAGE CONTENT 14	ID 14	ID OF USAGE CONTENT 14
	FORMAT 14	Pay Per Copy N
USAGE CONTENT 15	ID 15	ID OF USAGE CONTENT 15
	FORMAT 15	FORMAT 12 → FORMAT 11
USAGE CONTENT 16	ID 16	ID OF USAGE CONTENT 16
	FORMAT 16	FORMAT 14 > = 11TH TIMES
USAGE CONTENT 17	ID 17	ID OF USAGE CONTENT 17
	FORMAT 17	REPRODUCTION OF 10TH TIMES → FORMAT 14

FIG. 25A

ID OF CONTENT 10	ID OF CONTENT CONDITION 10	USER CONDITION 10	PRICE CONDITION 10	PRICE CONDITION 11	PRICE CONTENT 12	PRICE CONTENT 13	PRICE CONTENT 14	PRICE CONTENT 15	PRICE CONTENT 16	PRICE CONTENT 17
		MALE	20	¥2,000	¥600	¥300	¥100	¥1,950	¥50	¥75
	NO CONDITION									
				PRICE CONTENT 21	PRICE CONTENT 22	PRICE CONTENT 23	PRICE CONTENT 24	PRICE CONTENT 25	PRICE CONTENT 26	PRICE CONTENT 27

PTA10-1

FIG. 25B

ID OF CONTENT A	ID OF CONTENT PROVIDER 2	ID OF CONTENT PROVIDER 3	ID OF CONTENT PROVIDER 4
ID OF UCP	ID OF UCP	ID OF UCP	ID OF UCP
PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCP	PERIOD OF VALIDITY OF UCP
ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3	ID OF SERVICE PROVIDER	ID OF SERVICE PROVIDER 3
ID OF PT	ID OF PTA-1	ID OF PT	ID OF PTA-2
PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF PTA-1	PERIOD OF VALIDITY OF PT	PERIOD OF VALIDITY OF PTA-2
		USER CONDITION 20	FEMALE CONDITION 20
		DEVICE CONDITION 20	NO CONDITION 20
			CONDITION

PTA10-2